

LED and Laser Light Sources

Economical LED or Laser light sources provide high stability

Common Features:

- Rugged, splash proof case
- Single switch operation
- Combination source on/low battery indicator
- Typical one hour drift of only 0.05dBm
- Includes 9V battery and case with belt clip



**NIST
Traceable**



Made in USA



Additional Features-LED Models:

- Stable temperature compensated LED 850nm and/or 1300nm light sources supply -20dBm optical power into multimode fiber
- Single battery provides over 40 hours of operation
- Provide 40dB measurement range when used with FiberMeter or MicroMeter

Additional Features-LASER Models:

- Temperature compensated laser light sources with 1310nm or 1550nm output supply -10dBm of stable optical power into single mode fiber
- Provide 50dB measurement range when used with FiberMeter or MicroMeter
- Single battery provides over 60 hours of operation

Specifications	LE200ST	LE210 Series	LE220ST	LS300 Series	LS310 Series	LS320 Series
Stabilized Output:	850nm	1300nm	850 and 1300nm	1310nm	1550nm	1310nm and 1550nm
Center Wavelength:	—	—	—	1310nm ±30nm	1550nm ±30nm	1310nm ±30nm and 1550nm ±30nm
Spectral Width:	—	—	—	2nm	2nm	2nm
Output Power:	-20dBm	-20dBm	-20dBm	-10dBm into 9 mm fiber	-10dBm into 9 mm fiber	-10dBm into 9 mm fiber
Initial Accuracy:	±0.1dB @ 25°C	±0.1dB @ 25°C	±0.1dB @ 25°C	±0.1dB @ 25°C	±0.1dB @ 25°C	±0.1dB @ 25°C
Typical 1 Hour Drift:	0.05dBm	0.05dBm	0.05dBm	0.05dB	0.04dB	0.05dB @ 1310nm and 0.04dB @ 1550nm
Typical 12 Hour Drift:	—	—	—	0.05dB	0.06dB	0.05dB @ 1310nm and 0.06dB @ 1550nm
Dimensions All Models:	4.9 x 2.8 x 1.3" (125 x 70 x 33mm)					
Weight:	4oz. (102g)	4oz. (102g)	4oz. (102g)	5oz. (154g)	5oz. (154g)	5oz. (154g)

Ordering Information

LE200ST850nm LED Light Source with ST Connector
 LE210ST1300nm LED Light Source with ST Connector
 LE210SC1300nm LED Light Source with SC Connector
 LE220ST850nm & 1300nm LED Light Source with ST Connector
 LS300FC1310nm Laser Light Source with FC Connector
 LS300SC1310nm Laser Light Source with SC Connector
 LS300ST1310nm Laser Light Source with ST Connector
 LS310FC1550nm Laser Light Source with FC Connector
 LS310SC1550nm Laser Light Source with SC Connector
 LS310ST1550nm Laser Light Source with ST Connector
 LS320FC1310 and 1550nm Laser Light Source with FC Connector
 LS320SC1310 and 1550nm Laser Light Source with SC Connector
 LS320ST1310 and 1550nm Laser Light Source with ST Connector

